

Work Order ID 135859

135859

Page 1

Item ID: D2594-3 Accept *N900040100* Setup Start *NS1*
Revision ID: Stop *NS2*
Item Name: O-Ring
Start Date: 8/21/2015 Start Qty: 200.00 *200* Cust Item ID:
Required Date: 8/21/2015 Req'd Qty: 200.00 *200* Customer:
Reference:

Approvals: Process Plan: MLJ Date: AUG 21 2015 Tooling: _____ Date: _____ Run Start *NR1*
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D2594	Rev C								

100 PURCHASING 0.00
100
Purchasing Memo 0.00
Purchasing Issue P/O: 29565 Purchase as per Dwg D2594 Possible P/N: Parker
2-011 Material release note is required
CL AUG 24 2015 200

110 Receive & Inspect for Damage & Mat'l Certs 0.00
110
Packaging Memo 0.07
Packaging Ensure Material Release Note is attached
200 AUG 25 2015 D.L. 38 9-89

120 QC6- Inspect dimensions to drawing 0.00
120
QC Memo 0.00
Quality Control
(200) AUG 26 2015 DAS 38 9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

Work Order ID 135859***135859***

Page 2

Item ID: D2594-3

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: O-Ring

Stop ***NS2***

Start Date: 8/21/2015 Start Qty: 200.00

200

Cust Item ID:

Required Date: 8/21/2015 Req'd Qty: 200.00

200

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start ***NR1***

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: FP01

0.00

130

Packaging

Memo

0.03

Packaging

LOCATION : FP001

200279-89

AUG 26 2015

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.33

Quality Control

MCS

AUG 27 2015

20150827SA

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Picklist Print

Friday, August 21, 2015 10:41:54 AM

Page 1

Work Order ID: 135859

135859

Parent Item: D2594-3

D2594-3

Parent Item Name: O-Ring

Start Date: 8/21/2015

Required Date: 8/21/2015

Start Qty: 200.00

Required Qty: 200.00

Comments: IPP B04.06.08Reformat; Added Powder CoatKJ/JLM
IPP C 06.12.11 ecn 836 EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MS28775-011		Purchased		No		100	Each	0.0000	1	200			
MS28775-011										**			DAS
O-Ring													06

AUG 25 2015

~~8-29~~

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

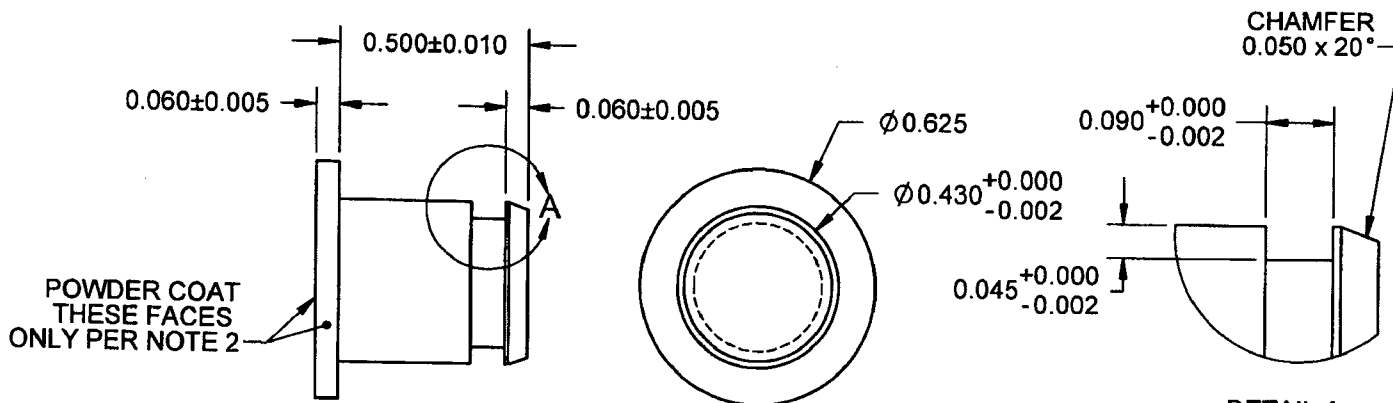
Work Order update only ☐

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DESIGN #	DRAWN BY CB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED LE	APPROVED #	DRAWING NO. D2594	REV. C SHEET 1 OF 1
DATE 06.11.20	TITLE PLUG SCALE 2:1		
REV	DATE	DESCRIPTION	
A	96.09.16	NEW ISSUE	
B	97.03.15	ADD GROOVE AND O-RING	
C	06.11.20	ADD PWDR COAT; ADD MS P/N TO D2594-3; ADD AMS SPECS; ADD TOLERANCE NOTE	

RELEASED
06.11.28



D2594-1 PLUG

D2594-1 PLUG NOTES:

- 1) MATERIAL: ALUMINUM 5052-H32 ROUND BAR PER QQ-A-225/7 (REF DART SPEC M5052H32R) OR ALUMINUM 6061-T6/T651/T6510/T6511/T62 ROUND BAR PER QQ-A-225/8 OR QQ-A-200/8 OR AMS 4117/4128/4115/4116/4160 (REF DART SPEC M6061T6R)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT SPECIFIED FACES WHITE GLOSS (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED
- 5) BREAK ALL SHARP EDGES TO 0.010 MAX

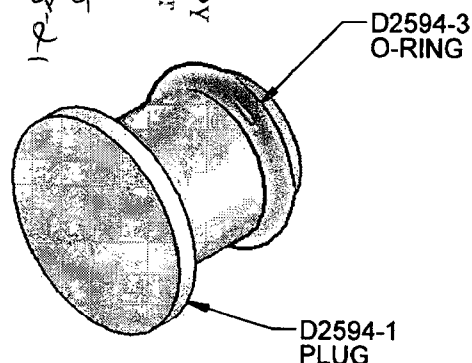
D2594-3 O-RING NOTES:

- 1) 5/16 ID, 7/16 OD, 1/16 WIDTH
- 2) POSSIBLE SUPPLIER P/N: PARKER 2-011 OR MS28775-011

135859/MS
15-08-21
NOTICE
TO AMENDMENT
CONTROLLED COPY
ENGINEERING
RETURN TO
DART COPY

PARTS LIST:

QTY	P/N	DESCRIPTION
X	D2594	PLUG ASSEMBLY
1	D2594-1	PLUG
1	D2594-3	O-RING



D2594 PLUG ASSEMBLY

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08/24/15

CUSTOMS INVOICE/PACKING SHEET



4456511-00

Cust#: 41513

SOLD TO: KLX Inc.

ATTN LESLIE MENIEUR
US

By receiving delivery of the items covered by this packing slip, buyer agrees to the terms and conditions of sale at:
www.KLXAerospace.com

SHIP TO: DART AEROSPACE LTD

1270 ABERDEEN ST

HAWKESBURY, CA K6A 1K7 CA

Pref. Routing A.O.G.: FEDX INTL P1 COLL

CORRESPONDENCE TO:

KLX AEROSPACE SOLUTIONS
(KLX Inc.)
10000 N.W. 15th Terrace

Miami, FL 33172

UPC VENDOR	INVOICE NO.	ON DOCK
000000	J16SRF	08/24/15
PROMISED	REQUEST	SHIPPED
08/25/15	08/25/15	
CUSTOMER P.O.		CUSTOMER RELEASE
P029565		9VKRH1

P.O. NUMBER	ITEM NO.	PART NUMBER	ICN No.	QTY	UOM	UNIT PRICE	TOTAL VALUE	COUNTRY OF ORIGIN	QUANTITY ORDERED	QUANTITY B.O.	QUANTITY SHIPPED
0013A36	20	MS28775-011		200.00	EA	0.15	30.00		200.00	0.00	200.00
		Desc: PACKING PCAT: S HS# 4016.93.0000	417754-01	200.00		Cure: 1Q2015		US			
		MFR- Name: PRECIX Revision: A Lot: 15042003 IT IS HEREBY CERTIFIED THAT THE ITEM IDENTIFIED HEREIN CONFORMS TO AN ESTABLISHED INDUSTRY, U.S. GOVERNMENT, OR COMMERCIAL STANDARD. PARTS ARE BEING SHIPPED BY KAPCO ON BEHALF OF KLX AEROSPACE SOLUTIONS (KLX Inc.) S/L: 15 YRS PER ARP5316 INSP BY: GuadalupeD 08/24/2015									

The merchandise listed has been produced in accordance with Fair Labor Standards Act of 1938 as amended.
No claims allowed unless made within ten (10) days after receipts of Goods and in no case shall the liability
assumed by us under the guarantees either expressed or implied, exceed the face value of the invoice for the
merchandise in question.

These commodities, technology or software were exported from the United States in accordance with the
Export Administration Regulations. Diversion contrary to U.S. Law is prohibited.

SHIPPED UNDER NLR HS#8803.30.0010 - ECCN: 9A991.D

COUNTRY OF ORIGIN: USA

TOTAL BOX VALUE:

30.00 USD

PAGE 1



CERTIFICATE OF CONFORMANCE

WE HEREBY CERTIFY THAT THE PRODUCT SUPPLIED IS NEWLY MANUFACTURED, CONFORMS TO THE
APPROVED DESIGN DATA, AND MEETS ALL REQUIREMENTS OF THE APPLICABLE PURCHASE ORDER.
EVIDENCE OF CONFORMANCE IS ON FILE AND AVAILABLE FOR REVIEW UPON REQUEST.

PETE CURTI
CORPORATE VICE PRESIDENT OF QUALITY

Thank You For This Order
PACKING LIST

FOR CUSTOMS PURPOSES ONLY. DO NOT PAY FROM THIS DOCUMENT.



QUALITY CONTROL RUBBER

744 Belleville Ave. :: New Bedford, MA 02745
Tel. (508) 998-4000 :: Fax. (508) 998-4101

CERTIFICATION OF ANALYSIS

Packing Slip No.: 666221
Purchase Order No.: 421625-00 Qty.: 17500 Cure Date: 1Q/15 Ship Date: 09-Apr-15
Issue Date: 09-Apr-15
APCO: 011M31A
Lot Number: 15042003

Customer: KAPCO
Certification No.: 104323
Part #: MS28775-011 Rev.: A Drawings / Specifications: MIL-P-25732 Rev.: C
Part #: AS568-011 Rev.: C N/A Rev.: N/A
Part #: Rev.: N/A Rev.: N/A
Compound: H-14494 (M31)

Test Description	Requirement	Results	Pass (Yes/No)
Durometer, Shore A	75 ± 5	75	Yes
Tensile, psi, min.	1350	1643	Yes
Elongation, %, min.	160	191	Yes
Modulus @ 100, psi, min.	500	827	Yes
Specific Gravity	1.28 ± .02	1.27	Yes
TR10, F, max.	-49	-56	Yes
Comp/Set in MIL-H-5606 70 hrs. @ 275° F			
% Of Original Deflection, max.	55	35.2	Yes
Fluid Aged in MIL-H-5606 70 hrs. @ 275° F			
Durometer Change, Shore A, pts.	-15 / 5	-8	Yes
Volume Change, %	1 / 20	9.9	Yes
TR10, F, max.	-49	-58	Yes

This is to certify that the above parts were made in conformity with the specification listed, and that the above test results were obtained.

Authorized by,

David E. Muse

David E. Muse
Quality Control Manager

Notes / Comments

MS28775 REV E superseded by AS28775 REV A

(PRODUCT IS MERCURY FREE)
MADE IN USA

Tested by: 2720
Date Tested: 12-Mar-15
Printed by: 7280

F00319 Rev.2 1/10/14

THIS IS A COPY OF THE ORIGINAL
CERTIFICATION AS DELIVERED
TO KAPCO



Page 1 of 1

ICN: 417754-01, Doc Date: 4/15/2015

744 Belleville Ave., New Bedford, MA 02745-6010
Tel (508) 998-4000 Fax (508) 998-4100

Page 1 of 1

SHIP TO: KAPCO
3120 E. ENTERPRISE STREET
BREA, CA 92821, US

PO#	421625-00	DATE SHIPPED	4-9-15	SHIP VIA	105	DELIVERY #	666221	DEPARTURE #		ORDER #	242313
SALESPERSON	MARCIE RAPOSO		WAYBILL #			TOTAL PKGS	1	TOTAL WEIGHT			
LINE NO.	ARC NUMBER / CUSTOMER PART NUMBER		CUSTOMER REQUEST DATE	ORDER QTY	# PACKAGES	WT PER PACKAGE	TOTAL QTY SHIPPED				
	Per email Corey Ngniem 5-20-14-SHIP UPS GROUND UPS GROUND COLLECT ACCOUNT # 879375 LAB REPORT REQUIRED. ***PLEASE ADD TO LAB REPORT THE P.O. #, CURE DATED AND AMOUNT THAT IS SHIPPING*** MATERIAL CERTIFICATION REQUIRED PARTS MUST HAVE A MIN OF 80% OF SHELF LIFE REMAIN AT TIME OF SHIPMENT DOCK AUDIT PRIOR TO SHIPMENT 6/2004 NAFTA CERTIFICATE OF ORIGIN REQUIRED. As of 4/30/04, Dock Audit shipment for correct lab report. <<<<CUSTOMER SERVICE TO UPLOAD SHIPPING INFO IN KAPCO PORTAL>>>>										
1	011M31A / 104# 15042003-1015 MS28775-011 104323		10-APR-2015	17500	7	2500	17500				
2	011M31A / 104# 14342001-1015 MS28775-011 104325		10-APR-2015	2500	1	2500	2500				
Shipping Notes: MATERIAL CERTIFICATION REQUIRED 417754 RECEIVED APR 15 2015 By: JHA THIS IS A COPY OF THE ORIGINAL CERTIFICATION AS DELIVERED TO KAPCO APCO 12 RT											

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